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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,030	11/24/2003	Taketo Heishi	67471-030	5444
Michael F Foo	7590 01/22/2007	EXAMINER		
Michael E Fogarty McDermott Will & Emery 600 13th Street NW Suite 1200 Washington, DC 20005-3096			PAN, DANIEL H	
			ART UNIT	PAPER NUMBER
			2183	
SHORTENED STATUTOR	RY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MONTHS		01/22/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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	Application No.	Applicant(s)			
	10/720,030	HEISHI ET AL.			
Office Action Summary	Examiner	Art Unit			
	Daniel Pan	2183			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be tin fill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on 20 No.	ovember 2006				
•—	action is non-final.				
closed in accordance with the practice under E	·				
Disposition of Claims	,				
· <u>_</u>	!! !! !!				
4) Claim(s) 1-33 and 40-54 is/are pending in the application.					
4a) Of the above claim(s) <u>34-39</u> is/are withdrawn from consideration.					
5) Claim(s) <u>1-33</u> is/are allowed.					
6) Claim(s) is/are rejected.					
7) Claim(s) <u>40-54</u> is/are objected to.	. alaadiaa waxayina waxad				
8) Claim(s) are subject to restriction and/or	election requirement.	÷,			
Application Papers					
9) The specification is objected to by the Examine					
10)⊠ The drawing(s) filed on 24 November 2006 is/ar	re: a)⊠ accepted or b)⊡ object	ed to by the Examiner.			
Applicant may not request that any objection to the	drawing(s) be held in abeyance. See	e 37 CFR 1.85(a).			
Replacement drawing sheet(s) including the correcti	on is required if the drawing(s) is ob	jected to. See 37 CFR 1.121(d).			
11) The oath or declaration is objected to by the Ex-	aminer. Note the attached Office	Action or form PTO-152.			
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:	priority under 35 U.S.C. § 119(a))-(d) or (f).			
1. Certified copies of the priority documents have been received.					
2. Certified copies of the priority documents have been received in Application No					
3. ☐ Copies of the certified copies of the prior	• •				
application from the International Bureau	•	•			
* See the attached detailed Office action for a list of		ed.			
		·			
Attachment(s)		•			
1) Notice of References Cited (PTO-892)	4) Interview Summary				
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da 5) Notice of Informal P				
3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 11/20/06.	6) Other:	atent Application			
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- 1. Claims 1-33, 40-54 remain for examination. Claims 34-39 have been canceled.
- 2. Claims 34-54 are rejected under 35 U.S.C. 102(b) as being anticipated by Eickemeyer et al. (5,448,746).
- 3. As to the newly amended feature of claim 40, Eickemeyer also taught the instruction bus (see fig.3 bus connection of decoder) and the bit width (2) shorter than the M * N bits (2 * 4, see the instruction length code, ILC, and the two bytes for N pieces in co1.12, lines 2-47).
- 4. As to newly amended clam 47, Eickemeyer also taught a total bit length of the decoded instruction was variable (see the instruction length code, ILC, and the two bytes for N pieces in co1.12, lines 2- 47). See also col.9, lines 12-35 for parallel execution. As to the bit length shorter than M * N, see citations above.
- 5. The rejections are maintained and incorporated by reference the last office action on 08/21/06.
- 6. The response filed on 11/20/06 has been fully considered but is not persuasive.
- 7. In the remarks applicant argued that Eickemeyer's bus width is at least equal to M * N.
- 8. As to the remark above, applicant is reciting the bit width of instruction bus, not the bus width. Eickemeyer taught a total bit length of each of the parallel execution codes (4 or 2 bytes) was shorter than the sum of bit instructions (2+4, see the instruction length code, ILC, and the two bytes for N pieces in co1.12, lines 2- 47).

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Therefore, the bit width of the bus was shorter than M * N. In other words, the bit width 2 was shorter than 2 * 4 bits.

9. Claims 1-33 are allowable over the art of record as indicated in the last Office action.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dan Pan whose telephone number is 571 272 4172. The examiner can normally be reached on M-F from 8:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chan, can be reached on 571 272 4162. The fax phone number for the organization where this application or proceeding is assigned is 703 306 5404.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

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